



Pharmaceutical primary packaging

Polymer vials based on COP
for sensitive drug products

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innovating for a better life

Polymer parenteral vials

Vials based on COP: Improved barrier properties for sensitive products



Our monolayer polymer vials unite the best properties of plastic and glass packaging for liquid medications. The vials are available with a single-layer structure based on Cyclic Olefin Polymer (COP). The vials offer inert contact surface and have been proven with various pharma applications in the market. They also deliver a unique packaging safety feature to manufacturers of toxic or high potency drug solutions.

The monolayer polymer vials are available in the sizes of 2, 5, 10, 20, 50 and 100* ml and they are manufactured in our plant in Bolesławiec, Poland. The COP vials are packed in the classified ISO7 clean room conditions, available as RTS (ready-to-sterilise) and RTU (gamma irradiated ready-to-use) variants. The Bolesławiec facility is certified as compliant with ISO 9001, ISO 15378, ISO 14001 and ISO 45001. The COP vials are registered at FDA (USA) with DMF and at CDE (China).

* 100 ml is under development

Main characteristics

- High break resistance
- Inert against high and low pH value (no delamination)
- Low protein adsorption
- Excellent drainability
- No heavy metal ions release
- Offered as gamma irradiated ready-to-use (RTU) or ready-to-sterilize (RTS)
- Available in 2, 5, 10, 20, 50 and 100* ml



More information:
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